

REMARKS

This amendment is responsive to the Office Action dated February 18, 2005. Claims 1 - 18 are pending in this application and have been rejected. Reexamination is respectfully requested in light of the foregoing amendments in the claims and the following remarks.

In the outstanding Office Action, the Examiner has rejected claims 1 - 3, 5 - 9, 11 - 15 and 17 - 18 as being anticipated by O'Connor '722. In addition, the Examiner has rejected claims 4, 10 and 16 as being obvious.

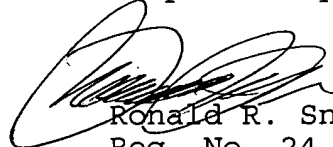
In response Application has amended claim 1 to clearly define over the '722 patent. In '722 there is shown a projection system or projection engine which firsts separates source light into three colors, modulates the light of each color and then recombines the light. This is accomplished through polarization beam splitters (101) and (104). In the polarization beam splitter scheme of '722 the beam splitters are set at 45° for the purpose of light separation.

In claim 1 as now amended, Applicant sets forth an entirely different concept not suggested by or taught by '722. In claim 1, Applicant now claims a relationship between an angle between light which is incident on the digital mirror device from the

illumination optical system and illumination light modulated by the digital mirror device and emitted in a first direction. As stated, this is set according to an F number of the illumination optical system. This setting of the range of the angle between the illumination and projection luminous fluxes and its relation to the F number of the illumination optical system is clearly set forth in paragraph [0039] of Applicant's disclosure.

In view of the foregoing, it is respectfully submitted that the application is now in condition for allowance, and early action in accordance thereof is requested. In the event there is any reason why the application cannot be allowed in this current condition, it is respectfully requested that the Examiner contact the undersigned at the number listed below to resolve any problems by Interview or Examiner's Amendment.

Respectfully submitted,



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